

10024307/083256

FIGURE 1

```
1      catggaaatcttgtggtttgtagGTGTGTGTCCACCGAGGCACCATCTACcctGTGGGCCA
61     GTTCTGGGAGGAGGCCTGTGACGTGTGCACCTGCACGGACTTGGAGGACTCTGTGATGGG
121    CCTGCGTGTGGCCCAGTGCTCCCAGAAGCCCTGTGAGGACAACCTGCCTGTCCgttaagggg
181    agcagaggggctgggcactgcctggagcaggcaagggacacactgggggagtgggggttc
241    tgggaaggggcaagagaccccttgagYaatttctgggttcagggccagagatgaggggaag
301    gagaggact (SEQ ID NO:1)
```

FIGURE 2

Intron 42

Exon 43

gaaaacttatgtctacagGTGTGTGTCCACCGAAGCACCATCTACCCTGTGGGCCAGTTC HUMAN VWF
||||| ||| ||| | ||||||||||||||||| |||||||||||||||||||||
gaaatcttgtgtttgtagGTGTGTGTCCACCGAGGCACCATCTACCCTGTGGGCCAGTTC CANINE VWF

TGGGAGGAGGGCTGCGATGTGTGCACCTGCACCGACATGGAGGATGCCGTGATGGGCCTC HUMAN VWF
||||| ||| ||| ||| ||||||||||||||||| |||||||||||||||||||||
TGGGAGGAGGCCTGTGACGTGTGCACCTGCACGGACTTGGAGGACTCTGTGATGGGCCTG CANINE VWF

CGCGTGGCCCAGTGCTCCCAGAAGCCCTGTGAGGACAGCTGTGGTTCGgtgagtggggc- HUMAN VWF
|| ||||||||||||||||||||||||||||||||| ||| | ||||||| || ||||
CGTGTGGCCCAGTGCTCCCAGAAGCCCTGTGAGGACAACTGCCTGTTCGgtaaggggagca CANINE VWF

Intron 43

-aggggctgggca HUMAN VWF (SEQ ID NO:10)
|||||||||||
gaggggctgggca CANINE VWF (SEQ ID NO:11)

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FIGURE 3.

A

FORWARD PRIMER

5' CATGGAAATCTTGTGTTTGTAG 3'
1 catggaaatcttgtgtttgtagGTGTGTGTCCACCGAGGCACCATCTACCCTGTGGGCCA
61 GTTCTGGGAGGAGGCCTGTGACGTGTGCACCTGCACGGACTTGGAGGACTCTGTGATGGG
121 CCTGCGTGTGGCCCAGTGCTCCCAGAAGCCCTGTGAGGACAACCTGCCTGTCAgtaagggg
3' TATTCCCC
181 agcagaggggctggggcactgcctggagc
TCGTCTCCCCGTCCCCGT 5'

REVERSE PRIMER

B

<u>TaqI</u>	
TGCCTGT <u>TCGA</u> Taagggg	wild type PCR product- cuts with TaqI
TGCCTGT <u>CAA</u> Taagggg	mutant PCR product-does not cut with TaqI
EXON43 intron 43	

FIG. 4

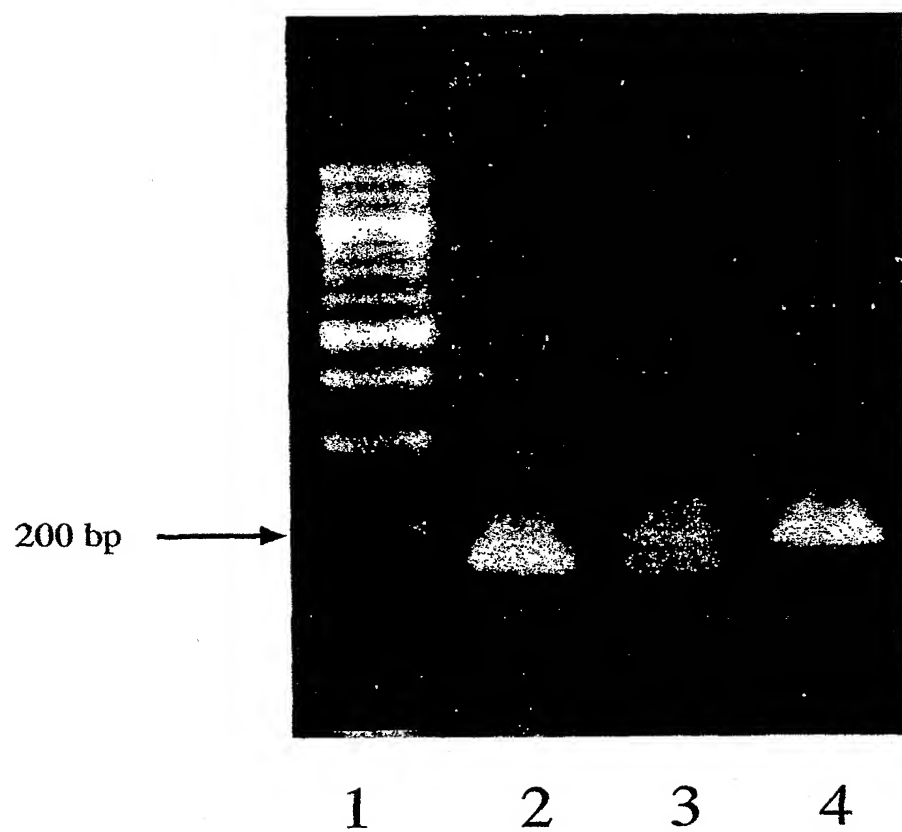


FIGURE 5

INTRON 6

gatccccctgctgctgctgtccagagaccctgggctctgcatgtcagggctcagtcctgg
61 gaagtaacttttagtctccagccacttcttgagcatgagttcaacatctgtgctttgatgg
121 atacactgtttaatttgacaaatgttgacaagcacctaccgggtgcctatgtgatggagc
181 ttccttggttttctggtgggggctggctctccacggagccacattcaggagggcactaat
241 ccaacgcactgtcagagcaggggctgcatgggtgctgtcctcactgctggcttctcgttc

EXON 7

301 ctgcagGTCCTGTGGGA~~SCAGTGCCAGC~~TCCTGAAGAGTGCCTCGGTGTTTGCCCGCTGC
361 CACCCGCTGGTGACCTTGAGCC~~TTT~~TGTGCGCCCTGTGTGAAAGGACTCTGTGCACCTGT
421 GTCCAGGGGATGGAGTGCCTTGTGCGGTCCTCCTGGAGTACGCCCCGGCCTGTGCCAG
481 CAGGGGATGTCTTGTACGGCTGGACCGACCACAGCGTCTGCCgtaagtcagtggtggccac
541 gctcccagctggggctgagtgctgtctgtcctgggggtgtcccaggggaagcccttgggct
601 ~~gtgtcaccatcctggacctt~~tgccacaccccaactggccagtgctacagggccgattgt
661 gcctggggccacctgatcctgcaggaacgagaagccaggcagtgaggacagcacccatgca
721 gccctggctcgacagtgcggttgattagtgccctcctgaatgtggctccgtggagagcca
781 gccccgccaggaaaaccagggaagctccatcacataggcaccgggtaggtgcttgtcaac
841 atttgtcaaat~~taa~~cagYtgtatccatcaaagcacagatgttgaactcatgctacaaga
901 agtggctggagactaaagttacttcccagactgagccctgaacatgcagagcccagggtc
961 tctggacagcagcagcaggggggatc

INTRON 7

FIG. 6

